

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A tissue augmentation material, comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise and a biomaterial, wherein the polysaccharide gel maintains the biomaterial homogeneously suspended in the tissue augmentation material prior to augmentation of a desired tissue site and during introduction of the tissue augmentation material to the desired site.
2. (Previously Presented) The tissue augmentation material according to claim 1, wherein the polysaccharide gel is an aqueous polysaccharide gel.
3. (Previously Presented) The tissue augmentation material according to claim 1, wherein the polysaccharide gel comprises a polysaccharide selected from the group consisting of a cellulose polysaccharide, starch, chitin, chitosan, hyaluronic acid, hydrophobe modified polysaccharide, an alginate, a carrageenan, agar, agarose, an intramolecular complex of a polysaccharide, an oligosaccharide and a macrocyclic polysaccharide.
4. (Previously Presented) A tissue augmentation material, comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise and a biomaterial, wherein the polysaccharide gel maintains the biomaterial homogeneously suspended in the tissue augmentation material prior to augmentation of a desired tissue site and during introduction of the tissue augmentation material to the desired site, wherein the polysaccharide gel comprises a cellulose polysaccharide.
5. (Previously Presented) The tissue augmentation material according to claim 4, wherein the cellulose polysaccharide is selected from the group consisting of sodium carboxymethylcellulose, agar methylcellulose, hydroxypropyl methylcellulose, ethylcellulose, microcrystalline cellulose and oxidized cellulose.

6. (Previously Presented) The tissue augmentation material according to claim 5, wherein the cellulose polysaccharide is sodium carboxymethylcellulose.
7. (Previously Presented) The tissue augmentation material according to claim 1, wherein the polysaccharide gel comprises a solvent selected from the group consisting of water and aqueous alcohol.
8. (Previously Presented) A tissue augmentation material, comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise and a biomaterial, wherein the polysaccharide gel maintains the biomaterial homogeneously suspended in the tissue augmentation material prior to augmentation of a desired tissue site and during introduction of the tissue augmentation material to the desired site, wherein the polysaccharide gel comprises a solvent selected from the group consisting of water and aqueous alcohol and further wherein the aqueous alcohol is selected from the group consisting of aqueous glycerol, aqueous isopropyl alcohol, aqueous ethanol, aqueous ethylene glycol and mixtures thereof.
9. (Previously Presented) A tissue augmentation material, comprising glycerin, a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise and a biomaterial, wherein the polysaccharide gel maintains the biomaterial homogeneously suspended in the tissue augmentation material prior to augmentation of a desired tissue site and during introduction of the tissue augmentation material to the desired site and further wherein the polysaccharide gel is an aqueous polysaccharide gel.
10. (Previously Presented) A tissue augmentation material, comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise and a biomaterial, wherein the polysaccharide gel maintains the biomaterial homogeneously suspended in the tissue augmentation material prior to augmentation of a desired tissue site and during introduction of the tissue augmentation material to the desired site, wherein water and the glycerin are present in the aqueous polysaccharide gel in a ratio of from about 20 to 90:80 to 10.

11. (Previously Presented) A tissue augmentation material, comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise and a biomaterial, wherein the polysaccharide gel maintains the biomaterial homogeneously suspended in the tissue augmentation material prior to augmentation of a desired tissue site and during introduction of the tissue augmentation material to the desired site, wherein the water and the glycerin are present in the gel in a ratio of about 85:15.

12. (Previously Presented) The tissue augmentation material according to claim 10, wherein the biomaterial is selected from the group consisting of a ceramic, a plastic and a metal.

13. (Previously Presented) The tissue augmentation material according to claim 12, wherein the biomaterial is a ceramic.

14. (Previously Presented) The tissue augmentation material according to claim 13, wherein the ceramic comprises rounded, substantially spherical, biocompatible, substantially nonresorbable, finely divided ceramic particles.

15. (Previously Presented) The tissue augmentation material according to claim 14, wherein the ceramic particles are selected from the group consisting of calcium phosphate particles, calcium silicate particles, calcium carbonate particles and alumina particles.

16. (Previously Presented) A biocompatible, resorbable, lubricous carrier for suspending a biomaterial in a tissue augmentation material, comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise and a biomaterial, wherein the polysaccharide gel maintains the biomaterial homogeneously suspended in the tissue augmentation material prior to augmentation of a desired tissue site and during introduction of the tissue augmentation material to the desired site, wherein the biomaterial comprises rounded, substantially spherical, biocompatible, substantially nonresorbable, finely divided ceramic particles, and wherein the ceramic particles are calcium phosphate particles.

17. (Original) The carrier according to claim 16, wherein the calcium phosphate particles are selected from the group consisting of calcium hydroxyapatite particles, tetracalcium phosphate particles, calcium pyrophosphate particles, tricalcium phosphate particles, octacalcium phosphate particles, calcium fluorapatite particles, calcium carbonate apatite particles and mixtures thereof.

18. (Original) The carrier according to claim 17, wherein the calcium phosphate particles are calcium hydroxyapatite particles.

19. (Original) The carrier according to claim 1, wherein the desired tissue site is an osseous site.

20. (Original) The carrier according to claim 19, wherein the desired tissue site is an osseous site in a state of osteoporosis.

21. (Previously Presented) A biocompatible composition for augmenting tissue, comprising a biomaterial for augmenting a desired tissue site and a biocompatible, resorbable, lubricous carrier for the biomaterial, the carrier comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise, wherein the carrier maintains the biomaterial homogeneously suspended in the biocompatible composition prior to augmentation of a desired tissue site and during introduction of the biocompatible composition to the desired site.

22. (Original) The composition according to claim 21, wherein the polysaccharide gel is an aqueous polysaccharide gel.

23. (Previously Presented) The composition according to Claim 21, wherein the polysaccharide gel comprises a polysaccharide selected from the group consisting of a cellulose polysaccharide, starch, chitin, chitosan, hyaluronic acid, hydrophobe modified polysaccharide, an alginate, a carrageenan, agar, agarose, an intramolecular complex of a polysaccharide, an oligosaccharide and a macrocyclic polysaccharide.

24. (Previously Presented) A biocompatible composition for augmenting tissue, comprising a biomaterial for augmenting a desired tissue site and a biocompatible, resorbable, lubricous carrier for the biomaterial, the carrier comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise, wherein the carrier maintains the biomaterial homogeneously suspended in the biocompatible composition prior to augmentation of a desired tissue site and during introduction of the biocompatible composition to the desired site wherein the polysaccharide gel comprises a cellulose polysaccharide.

25. (Original) The composition according to claim 24, wherein the cellulose polysaccharide is selected from the group consisting of sodium carboxymethylcellulose, agar methylcellulose, hydroxypropyl methylcellulose, ethylcellulose, microcrystalline cellulose and oxidized cellulose.

26. (Original) The composition according to claim 25, wherein the cellulose polysaccharide is sodium carboxymethylcellulose.

27. (Original) The composition according to claim 21, wherein the polysaccharide gel comprises a solvent selected from the group consisting of water and aqueous alcohol.

28. (Previously Presented) The composition according to claim 24, wherein the polysaccharide gel comprises a solvent selected from the group consisting of water and aqueous alcohol and further wherein the aqueous alcohol is selected from the group consisting of aqueous glycerol, aqueous isopropyl alcohol, aqueous ethanol, aqueous ethylene glycol and mixtures thereof.

29. (Previously Presented) A biocompatible composition for augmenting tissue, comprising glycerin, a biomaterial for augmenting a desired tissue site, and a biocompatible, resorbable, lubricous carrier for the biomaterial, the carrier comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise, wherein the carrier maintains the biomaterial homogeneously suspended in the biocompatible composition prior to

augmentation of a desired tissue site and during introduction of the biocompatible composition to the desired site.

30. (Previously Presented) A biocompatible composition for augmenting tissue, comprising a biomaterial for augmenting a desired tissue site and a biocompatible, resorbable, lubricous carrier for the biomaterial, the carrier comprising a polysaccharide gel having a viscosity between about 20,000 centipoise to about 350,000 centipoise, wherein the carrier maintains the biomaterial homogeneously suspended in the biocompatible composition prior to augmentation of a desired tissue site and during introduction of the biocompatible composition to the desired site, wherein water and the glycerin are present in the aqueous polysaccharide gel in a ratio of from about 20 to 90:80 to 10.

31. (Original) The composition according to claim 30, wherein the water and glycerin are present in the aqueous polysaccharide gel in a ratio of about 85:15.

32. (Original) The composition according to claim 21, wherein the biomaterial is selected from the group consisting of a ceramic, a plastic and a metal:

33. (Original) The composition according to claim 32, wherein the biomaterial is a ceramic.

34. (Currently amended) The composition according to claim 33, wherein the ceramic comprises smooth, rounded, substantially spherical, biocompatible, substantially nonresorbable, finely divided ceramic particles.

35. (Original) The composition according to claim 34, wherein the ceramic particles are selected from the group consisting of calcium phosphate particles, calcium silicate particles, calcium carbonate particles and alumina particles.

36. (Previously Presented) A biocompatible composition for augmenting tissue, comprising a biomaterial for augmenting a desired tissue site and a biocompatible, resorbable, lubricous carrier for the biomaterial, the carrier comprising a polysaccharide gel having a viscosity between about

20,000 centipoise to about 350,000 centipoise, wherein the carrier maintains the biomaterial homogeneously suspended in the biocompatible composition prior to augmentation of a desired tissue site and during introduction of the biocompatible composition to the desired site, wherein the biomaterial comprises rounded, substantially spherical, biocompatible, substantially nonresorbable, finely divided ceramic particles, and wherein the ceramic particles are calcium phosphate particles.

37. (Original) The composition according to claim 36, wherein the calcium phosphate particles are selected from the group consisting of calcium hydroxyapatite particles, tetracalcium phosphate particles, calcium pyrophosphate particles, tricalcium phosphate particles, octacalcium phosphate particles, calcium fluorapatite particles, calcium carbonate apatite particles and mixtures thereof.

38. (Original) The composition according to claim 37, wherein the calcium phosphate particles are calcium hydroxyapatite particles.

39. (Original) The composition according to claim 21, wherein the desired tissue site is an osseous site.

40. (Previously Presented) The composition according to claim 21, wherein the desired tissue site is an osseous site in a state of osteoporosis.

41. (Previously Presented) In a biocompatible composition for augmenting tissue, the biocompatible composition comprising a biomaterial for augmenting a desired tissue site and a biocompatible, resorbable, lubricous carrier for the biomaterial, the improvement comprising a polysaccharide gel carrier, having a viscosity between about 20,000 centipoise to about 350,000 centipoise, the carrier maintaining the biomaterial homogeneously suspended in the biocompatible composition prior to augmentation of a desired tissue site and during introduction of the biocompatible composition to the desired site.

Claims 42-56 (Canceled)

57. (Previously Presented) The tissue augmentation material according to claim 1, further comprising an additive.
58. (Previously Presented) The tissue augmentation material according to claim 57, wherein the additive is selected from the group consisting of a pH buffer, a stabilizer, and a surfactant.
59. (Previously Presented) The tissue augmentation material according to claim 1, wherein the polysaccharide gel has a viscosity of from about 150,000 centipoise to about 250,000 centipoise.
60. (Previously Presented) The tissue augmentation material according to claim 59, wherein the polysaccharide gel has a viscosity of from about 200,000 centipoise to about 250,000 centipoise.
61. (Previously presented) The composition according to claim 21, further comprising an additive.
62. (Previously presented) The composition according to claim 61, wherein the additive is selected from the group consisting of a pH buffer, a stabilizer, and a surfactant.
63. (Previously presented) The composition according to claim 21, wherein the polysaccharide gel has a viscosity of from about 150,000 centipoise to about 250,000 centipoise.
64. (Previously presented) The composition according to claim 63, wherein the polysaccharide gel has a viscosity of from about 200,000 centipoise to about 250,000 centipoise.

Claims 65-73 (Canceled)